



AMENDMENT UNDER 37 C.F.R. § 1.116  
U.S. Application No. 10/773,296

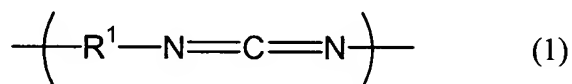
Attorney Docket Q79398

**AMENDMENTS TO THE CLAIMS**

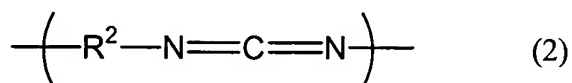
**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

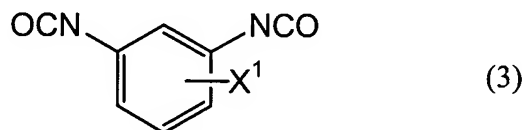
1. (currently amended): A film having a high index of refraction of at least 1.738, comprising a polycarbodiimide copolymer having a repeating structural unit represented by the following formula (1) in a number "m":



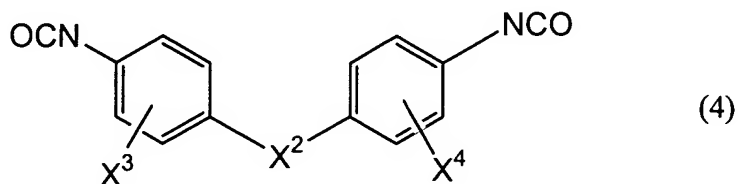
(wherein R<sup>1</sup> means a naphthylene group) and a repeating structural unit represented by the following formula (2) in a number "n":



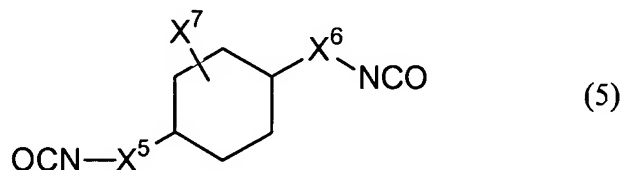
wherein R<sup>2</sup> means an organic diisocyanate residue of an aromatic or aliphatic diisocyanate selected from the group consisting of the following formulae:



wherein X<sup>1</sup> represents an alkyl group having from 1 to 5 carbon atoms, an alkoxyl group or a halogen atom;



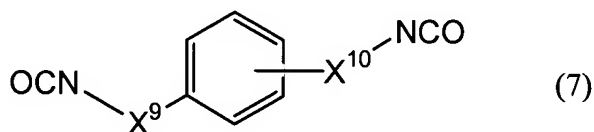
wherein  $X^2$  represents a single bond, an alkylene group having from 1 to 5 carbon atoms, oxy group, ~~sulfo~~-thio group or ~~sulfoxy~~-sulfinyl group, and each of  $X^3$  and  $X^4$  represents an alkyl group having from 1 to 5 carbon atoms, an alkoxy group or a halogen atom;



wherein each of  $X^5$  and  $X^6$  represents a single bond or an alkylene group having from 1 to 5 carbon atoms, and  $X^7$  represents ~~a single bond~~, an alkyl group having from 1 to 5 carbon atoms ~~or an alkylene group having from 1 to 5 carbon atoms~~;



wherein  $X^8$  represents an alkylene group having from 1 to 18 carbon atoms; and



wherein each of  $X^9$  and  $X^{10}$  represents a single bond or an alkylene group having from 1 to 5 carbon atoms),

and also having on both termini a terminal structural unit derived from a monoisocyanate,

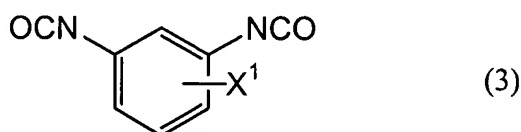
wherein  $m + n$  is from 3 to 200 and  $n/(m + n)$  is from 0.05 to 0.99.

2. (previously presented): The film according to claim 1, wherein  $n$  in the aforementioned formula is an integer of from 3 to 198.

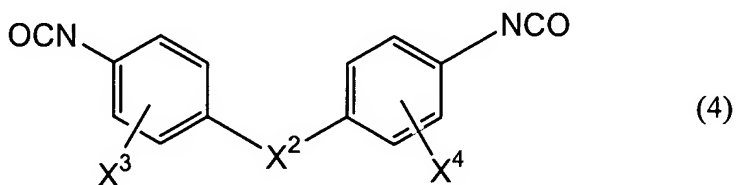
3. (original): A solution of a polycarbodiimide copolymer, comprising an aprotic organic solvent and the polycarbodiimide copolymer of claim 1 dissolved therein.

4. (original): A solution of a polycarbodiimide copolymer, comprising an aprotic organic solvent and the polycarbodiimide copolymer of claim 2 dissolved therein.

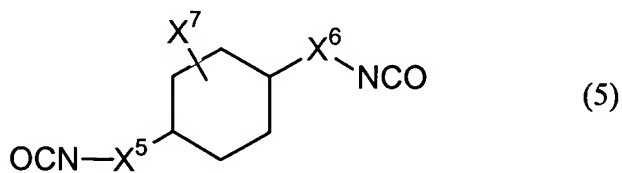
5. (currently amended): A method for producing a polycarbodiimide copolymer, which comprises carrying out carbodiimidation reaction of naphthalene diisocyanate, an organic diisocyanate selected from the group consisting of the following formulae:



wherein X<sup>1</sup> represents an alkyl group having from 1 to 5 carbon atoms, an alkoxy group or a halogen atom;



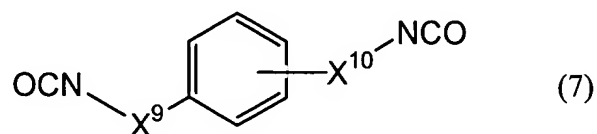
wherein X<sup>2</sup> represents a single bond, an alkylene group having from 1 to 5 carbon atoms, oxy group, ~~sulfo-thio~~ group or ~~sulfoxy-sulfinyl~~ group, and each of X<sup>3</sup> and X<sup>4</sup> represents an alkyl group having from 1 to 5 carbon atoms, an alkoxy group or a halogen atom;



wherein each of X<sup>5</sup> and X<sup>6</sup> represents a single bond or an alkylene group having from 1 to 5 carbon atoms, and X<sup>7</sup> represents ~~a single bond,~~ an alkyl group having from 1 to 5 carbon atoms ~~or an alkylene group having from 1 to 5 carbon atoms;~~



wherein  $X^8$  represents an alkylene group having from 1 to 18 carbon atoms; and



wherein each of  $X^9$  and  $X^{10}$  represents a single bond or an alkylene group having from 1 to 5 carbon atoms, and a monoisocyanate in the presence of a carbodiimidation catalyst, wherein the reaction is carried out at a temperature of from 0 to 120°C using 5% by mol or more of naphthalene diisocyanate based on the total organic isocyanate.